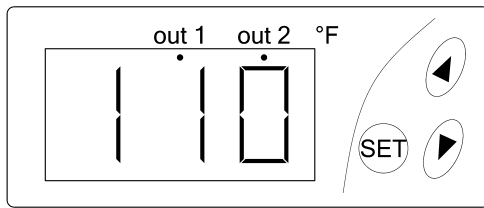


# Digital 1 Control Operation



## Digital 1 Control Operating Parameters

- Operating Temperature range 100 – 120 °F (37.5 – 49 °C)
- Backup Temperature shut off fixed at 130 °C (54.5 °C)

## Setting Operating Temperature

1. Press the *SET* button twice, the light under *OUT 2* will be on and the display will be flashing.
2. Use the *UP / DOWN* arrows to set the temperature. Factory set at 100 °F (37.5 °C).
3. Press the *SET* button again; the display will be solid and showing room temperature (not pressing any button for 1 minute will also return the control to the room temperature).

\*Note the control display remains on if the steam bath generator switch is in the OFF position, however power to the solenoids will be OFF.

## Operation Indicators

**OUT 1:** The LED under *OUT 1* is on during normal operating conditions. If the light under *OUT 1* is off the Digital 1 is in backup temperature mode, an alarm will sound, the display will flash and the steam bath generator will be off.

**OUT 2:** The LED under *OUT 2* goes on and off during normal operating conditions. If the light under *OUT 1* is off the room temperature is satisfied and the steam solenoid valve will be closed. When the light under *OUT 2* is on the room temperature has not been satisfied and the steam solenoid should be open (if a 30 minute timer is used, that must be on to open the steam solenoid).

## Backup Temperature Shut-off

- In the event room conditions or environment cause the temperature to reach 130 °F (54.5 °C) the Digital 1 Control will shut off power to the steam bath generator.
- The display will change to a flashing *AH1*, and an alarm will sound (if equipped the CU ALARM will also sound).
- To silence the Digital 1 Control Alarm press *SET* and *DOWN* simultaneously. The alarm will be silenced but the display will still flash *AH1* and the steam bath generator will remain off.
- \*Note if equipped with a CU ALARM turn the steam bath generator switch off to silence it.
- The Digital 1 control will reset when the temperature in the room reaches normal operating range.

## Message Display

Under normal operation, the actual room temperature will be displayed, the following messages may also appear (the Digital 1 Control alarm will also sound, press *SET* and *DOWN* simultaneously to silence alarm, if equipped with a CU ALARM turn the steam bath generator switch *OFF* to silence it, the steam bath generator will shut off until the error is cleared):

- **Err** – Memory reading error, cut power to control to clear
- **AH1** – Backup temperature alarm
- **AL1 (AL2)** – Low temperature alarm, this may be an indication of a probe problem, check the actual room temperature
- **ooo** – Open Probe, check probe connection, check probe with multimeter
- **---** – Shorted probe, check any splices used, check probe with multimeter (note: if equipped with CU STEAMSTOP, the Digital 1 Control will display --- when the CU STEAMSTOP is pressed, reset the CU STEAMSTOP to clear)

## Compliance

The Digital 1 control meets c  us and CE requirements.

